

United States Patent [19]

Cahalan et al.

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[54] TAPE ELECTRODE

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Related U.S. Application Data

[63] Continuation-in-part of Ser. No. 968,489, Dec. 11, 1978, abandoned.

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[52] U.S. Cl. 128/640; 128/798

[58] Field of Search 128/639-641, 128/644, 798, 802, 803, 303.13; 252/500

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[57]

ABSTRACT

An improved medical electrode particularly adaptable to tape-like configurations for use in sensing and stimulation applications in which the electrode is applied to the skin. An essential electrode component comprises a mixture of a polymerized form of 2-acrylamido-2-methylpropanesulfonic acid or one of its salts with water and/or an alcohol. The mixture possesses electrically conductive properties, flexible properties and adhesive properties particularly lending itself to skin contact and adhesion.

15 Claims, 3 Drawing Figures

